

St. John's Daycare Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of St. John's Daycare, 4950 Oakman Blvd., Detroit MI., on June 1st, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Demetrius Danforth on April 21st, 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted.

Michael Etters Field Scientist

Monica Starks, CIEC

Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody



APPENDIX 1 Laboratory Results and Chain of Custody

17800 Woodward Ave Suite 200 Detroit, MI 48203

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 356785

6/23/2016

4950 Oakman

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

St. Johns Daycare, DC-Basement-KC-01-P

Source City: Detroit

Source State:MI

Date/Time Received:

6/15/2016 15:00

Collected by:

A. Hayden

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Analy	rtes - Metals			emontes e emitigado em distribuir estra (a) distribuir e emitiga encluda (a) (a) (a) (a) (a) (a) (a)
1030 Lead	200.8 0.015	mg/L 0.001	0,010	1 6/1/2016 06:3	0	6/21/2016

These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

James Abston, Operations Manager

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National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 356786 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

St. Johns Daycare, DC-Basement-KC-01-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

A. Hayden

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"DF"

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Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level	DF Date/Time	Date	Date/Time
			Detected	Sampled	Prepped	Analyzed
		Inorganic An	alytes - Metals			
1030 Lead	200.8 0.015	mg/L 0.00	1 0.003	¹ 6/1/2016 06:	30	6/21/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 356787 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

St. Johns Daycare, DC-Basement-BBF-02-P

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

A. Hayden

Collected by:

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Inorganic Analytes - Metals							
1030 Lead	200.8 0.015 mg	g/L 0.001	0.004	1 6/1/2016 06:3	0	6/21/2016	

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EC	200.8

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ANALYTICAL REPORTS

SAMPLE CODE: 356788 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

St. Johns Daycare, DC-Basement-BBF-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

A. Hayden

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Fed Id # Contaminant	Method Standard	Units LRL	Level	DF Date/Time	Date	Date/Time
			Detected	Sampled	Prepped	Analyzed
		Inorganic Analy	tes - Metals			n mark standig for the an Art of condition is found a west trapped between a children is an application of the
1030 Lead	200.8 0.015	mg/L 0.001	0.002	1 6/1/2016 06:3	30	6/21/2016

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EC	200.8

James Abston, Operations Manager

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ANALYTICAL REPORTS

SAMPLE CODE: 356789 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

St. Johns Daycare, DC-Basement-GBF-03-P

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

A. Hayden

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			Detected	Sampled	Prepped Ar	nalyzed
		Inorganio	: Analytes - Metal	s		
1030 Lead	200.8 0.015	mg/L	0.001 ND	1 6/1/2016 06:3	30 6 <i>1</i> 2	1/2016

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356789

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ANALYTICAL REPORTS

SAMPLE CODE: 356790 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

St. Johns Daycare, DC-Basement-GBF-03-F

Source City: Detroit

Source State:MI

Date/Time Received:

6/15/2016 15:00

Collected by:

A. Hayden

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Report Notes:

Fed ld # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
1030 Lead	200.8 0.015	inorganic Analy mg/L 0.001	rtes - Metals ND	1 6/1/2016 06:3	0	6/21/2016

These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077504 05/16/2016

356785

Sample Number:

Product:

Sample Paid: No

Lead Only
Payment Method:

Sold To:	TSR: EF		
G. S. Group		For Laboratory Use ONLY	**************
Monica Starks 17800 Woodward Ave		Lab Accounting Information:	1777A-111111111111111111111111111111111
Detroit	MI 48203	Payment \$:	
		Check #:	
Date Sampled : 6 / 1 / 1	PROFESSION NAMES	Lab Comments/Special Instructions:	***************************************
Time Sampled: $6:30$	Please Use Military Time, e g. 3.00pm = 15.00		
Check Time Zone: FEST C	CST MST PST		
Address ST. John	ns lineure		
Honettander: 4950 (Dakman Bird.		
Par Number: 313 - 8	35-4400		
PWS ID# (if applicable):		State Forms:	
Sample ID or Source: <u>Dc B</u>	busument-KC-01-P		
	Well Municipal Surface	Lab Sample Information: Date Received: JUN 1 5/2016	
City & State: Detroit	MI f Different than Above)	Received By: Light	
Sample Collected By:		Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.	
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orm Completed By: Aac	on Hayden		
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First Draw	<u> </u>	•	

Mational Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

Sample Number:

2077504

Order Date:

05/16/2016 356786

Product:

Lead Only

Sample Paid: No

Payment Method:

Sold To: TSR: EF G. S. Group For Laboratory Use ONLY Monica Starks 17800 Woodward Ave Lab Accounting Information: Detroit Payment \$:_ MI 48203 Check #: Lab Comments/Special Instructions: Date Sampled : 6 / 1 / 16 Time Sampled: 6:30 Please Use Military Time, e.g. 3 00pm = 15 00 Check Time Zone: ☐EST ☐ CST ☐ MST ☐ PST Client Name: ST. John Day care 4950 oakman Blyd. Pax Number: 313 - 835 - 4400 PWS ID# (if applicable): State Forms: Sample ID or Source: Dc-Basement-KC-01-F Source Type: Spring Well Municipal Surface Lab Sample Information: Date Received: Other: JUN 15 2016 City & State: Detroit, MT (If Different than Above) Time Received: Received By: Sample receipt criteria checked & acceptable Sample Collected By: Deviations from acceptable sample receipt criteria noted on PSA form Sample Collected By: Aaron Hayden Form Completed By: **Additional Comments:** The location Sampled is a Dayscare, This is Sample #

National TestingLaboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077504 05/16/2016

Sample Number:

356787

Product:

Lead Only

Sample Paid: No

Payment Method:

Sold To:	TSR: EF	-
G. S. Group Monica Starks		For Laboratory Use ONLY
17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
		Check #:
Date Sampled : 6 / 1	1.16 Variance acres	Lab Comments/Special Instructions:
Time Sampled: 6:30	Please Use Military Time, e.g. 3 00pm = 15 00	
Check Time Zone: FEST]CST ☐ MST ☐ PST	
Client Name: ST. Jul	A DOM CONTRACTOR SECURIOR SECU	
4750) Oakman Blud.	
Number: 313-8	35 - 4400 	
PWS ID# (if applicable):	and the second s	State Forms:
Sample ID or Source: De	c-Basement-BBF-02-P	
Source Type: Spring [Other:	☐ Well ☐ Municipal ☐ Surface	Lab Sample Information: Date Received: JUN 1 5 2016
City & State: Detroit	(If Different than Above)	Time Received: 15:00 Received By: 15:00
Sample Collected By:	(Signature)	Sample receipt criteria checked & acceptable Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	ron Hayden ron Hayden	OIT OA IOIN.
Form Completed By: Ha	ron Hayden	
Additional Comments: The location So	empled is a paycare,	This is sample #2.
First Praw		

Mational Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077504

Sample Number:

05/16/2016

Product:

356788

Sample Paid: No

Lead Only

Payment Method: Sold To: TSR: EF G. S. Group Monica Starks For Laboratory Use ONLY 17800 Woodward Ave Lab Accounting Information: Detroit Mi 48203 Payment \$:_ Check #: Lab Comments/Special Instructions: Date Sampled : 6 / 1 / 16 Time Sampled: 6:30 Please Use Multary Time, e.g. 3.00pm = 15.00 Check Time Zone: SEST CST MST PST Client Name: ST. John Daycace mone Hamber: 4950 Oakman Blvd. Fam Number: 313 - 835 - 4400 PWS ID# (if applicable): State Forms: Sample ID or Source: Dc - B-sement - BBF - 02 - F Source Type: Spring Well Municipal Surface Lab Sample Information: 'JUN 15,2016 Other: Date Received: City & State: Detroit, MI Time Received: (If Different than Above) Received By: Sample Collected By: Sample receipt criteria ed & acceptable Deviations from acceptable sample receipt criteria noted on PSA form Sample Collected By: Form Completed By: **Additional Comments:** The location Sampled is a Day care, This is Sample #2

Mational Testing Laboratories, Ltd.

Quality Water Analysis

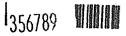
1-800-458-3330

General Compliance

Order Number: Order Date:

2077504 05/16/2016

Sample Number:



Product: Sample Paid: No

Lead Only **Payment Method:**

Sold To: TSR: EF

G. S. Group

0. 3. Gloup	
Monica Starks	For Laboratory Use ONLY
17800 Woodward Ave	Lab Accounting Information:
Detroit MI 48203	Payment \$:
	Check #:
Date Sampled : 6 / 1 / 16	Lab Comments/Special Instructions:
Time Sampled: 6:30 Please Use Military Time, e.g. 3 00pm = 15 00 Check Time Zone: DEST CST MST PST Client Name: ST. Juhn Day Care Address: 4950 Oakman Bird Tan Number: 313-835-4400	
PWS ID# (if applicable):	State Forms:
Sample ID or Source: Dc-Basement-6BF-03-P	
Source Type: ☐ Spring ☐ Well ☑ Municipal ☐ Surface ☐ Other:	Date Received: JUN 1 5 2016
City & State: Detroit, MI	Time Received: 15:00
(If Different than Above)	Received By: Wux
Sample Collected By:	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By: Acron Heyden (Please Print)	on PSA form.
Form Completed By: Aaron Playden	
dditional Comments:	-
The location sampled is a pay care,	This is someth was
Firston	1500 13 vample #3

MA National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077504 05/16/2016

2016

Sample Number: Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

Sola 10:	isk: ef	
G. S. Group		
Monica Starks		For Laboratory Use ONLY
17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
		Check #
Date Sampled : 6 / 1 /	16	Lab Comments/Special Instructions:
Time Sampled: 6:30	Please Use Military Time, e.g. 3.00pm = 15.00	
Check Time Zone SEST	CST MST PST	
Client Name: ST. Jol White St.	so by care	
	Oakman Blyd	
Fax Number: 313-83	55 - 4400 	
PWS ID# (if applicable):	NA	State Forms:
Sample ID or Source: Dc.	-Basement-6BF-03-F	
Source Type: Spring	Well Municipal Surface	Lab Sample Information:
Other	Surface	Date Received: JUN 15,2016
City & State: Detroit,	MI	Time Received: 15:00
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Sample Collected By: A.	(Signature)	on PSA form
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